

#2

1036 U.S. PTO  
10/040545  
01/07/02

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF : David A. Mantell, et al.

FOR : **COLOR VECTOR HALFTONING USING A  
SUCCESSIVE FILLING WITH IMPROVED  
COLOR REGISTRATION LATITUDE**

SERIAL NO. : To be Assigned

FILED : Herewith

EXAMINER : Unknown

ART UNIT : Unknown

ATTORNEY DOCKET NO. : D/A1092  
XER 2 0432

Cleveland, Ohio 44114-2518

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is(are) aware. A copy of PTO-1449 is enclosed herewith.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed patents require no further explanation (or no translation is available).

**EXPRESS MAIL CERTIFICATE**

I hereby certify that this Utility Patent Application Transmittal Letter and accompanying papers are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. 1.10 and is addressed to the Assistant Commissioner For Patents, Box Patent Application, Washington, D.C. 20231 on Jan 7 2002 EXPRESS MAIL NO.: EL852685311US

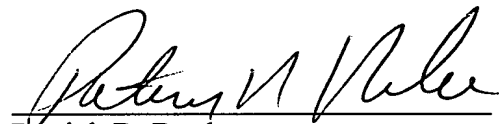
Cathryn Terchek  
Cathryn Terchek

DATE: January 7 2002

Under § 1.97(b)(1), this information disclosure statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 24-0037.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

A handwritten signature in black ink, appearing to read "Patrick R. Roche", is written over a horizontal line.

Patrick R. Roche  
Reg. No. 29,580  
1100 Superior Avenue  
Seventh Floor  
Cleveland, Ohio 44114-2518  
(216) 861-5582

C:\DATA\PRR\001\DEC\X2432DS.STA

<b>Subst. Form PTO-1449</b>  <b>APPLICANT'S(S) INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> D/A1092 XER 2 0432	<b>Serial No.:</b> To be Assigned
	<b>Applicant(s):</b> David A Mantell, et al.	
	<b>Filing Date:</b> Herewith	<b>Group:</b> Unknown

U.S. PATENT DOCUMENTS							
Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	4,149,194	10 Apr 1979	Holladay			
	AB	5,363,318	08 Nov 1994	McCauley			
	AC	5,631,748	20 May 1997	Harrington			
	AD	5,673,121	30 Sep 1997	Wang			
	AE	6,072,591	06 Jun 2000	Harrington			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

J1036 U.S. PTO  
 10/040345  
 01/07/02

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subcl.	Translation?
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART		
AR	Joseph Shu, Chia-Hsin Li, Hakan Ancin, Anoop Bhattacharjya, "Color Stochastic Screening with Smoothness Enhancement", IS&T's NIP 13: 1997 International Conference on Digital Printing Technologies	
AS	Balasubramanian, Raja "Optimization of the Spectral Neugebauer Model for Printer Characterization", <i>Journal of Electronic Imaging</i> , April 1999, Vol. 8(2), pages 156-166.	
AT	Balasubramanian, Raja and Maltz, Martin S., "Refinement of printer transformations using weighted regression", SPIE, Vol. 2658, 0-8194-2032, August 1996, pages 334-340.	

<b>Examiner:</b>	<b>Date Considered:</b>
------------------	-------------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.